

MAGNETIC RECORDING MEDIUM AND
MAGNETIC RECORDING DISK DEVICE

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ABSTRACT OF THE DISCLOSURE

10 A magnetic recording medium and a magnetic disk
device using the same. The magnetic recording medium
comprising a nonmagnetic substrate having applied
thereon, through two or more chromium-based underlayers,
a magnetic recording layer having a circumferential
15 direction of easy magnetization and containing cobalt as
a principal component thereof, and also containing
chromium and platinum in combination with tantalum or
tantalum and niobium. Using the magnetic recording
medium, a reproducing output and S/N ratio can be
increased without causing an increase in noise.